CashConcepts
CCE 380

2-Pocket Zähler für gemischte Wertigkeiten mit Sortierfunktion

2-pocket counter for value mixed notes with sorting function

Benutzerhandbuch

User Manual

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Introduction

Many thanks that you have decided on the CCE 380. This banknote counting machine should simplify you the processing and counting of bigger money amounts. Sorted banknotes can be counted by the different countable kinds and be checked for overlooked other noted, as well as unsorted banknotes can be counted by their value and can be listed and checked at the same time for counterfeit money. About the several sorting functions you have the possibility to sort the banknotes according to your default. Moreover the reject pocket offers the possibility to check and count bigger amounts of banknotes without any stop because of non-recognition of the security signs. The CCE 380 offers therefore in the office area for all supermarkets and retail dealers, and also in the foremost front of the counterfeit money protection, e.g., at banks, used car traders or all other companies where bigger cash amounts all at once change the owner.

Should you have questions to the CCE 380 banknote counting machine, we are available to you with pleasure.

Your Team of CashConcepts

Warning

General

- Please pay attention that no foreign objects (e.g., coins, paper clips) fall in the machine, these can block the engines and the sensitive sensors of the machine and damage or destroy them.
- Please note that during the countable process no ties, hair or clothes in the bank note are drawn in to avaoid injuries and damages to the machine.
- Please pay attention that none stuck, washed, strongly dirty or damaged banknotes is counted in the machine, these can hook up in the machine and tear.

Electricity supply

- Use the device only with the provided net part.
- Use no damaged or humid net parts or power supply lines.
- Connect the stream supply not with humid hands.
- During the change of the fuse the machine must be completely separated from the stream net to avoid an electric blow.

Servicing

- Always switch the power off during cleaning.
- Clean the machine with a dry cloth.
- Do not use wet or damp cloth or cleaning products.
- Do not spill any liquid or spray chemicals over the equipment.
- If any liquid is spilled on it, disconnect the power cable from the supply and contact your dealer.

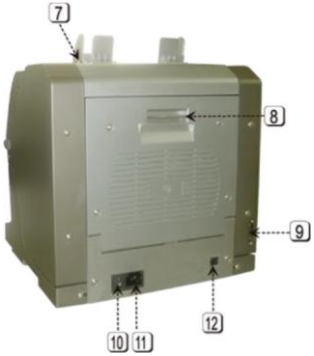
Representation of the machine

Front view

(1) Banknote limitation / Feeder
(2) Hopper
(3) Display and panel (see below)
(4) Both sided buttons for opening the machine
(5) Reject pocket for seperated banknotes
(6) Stacker

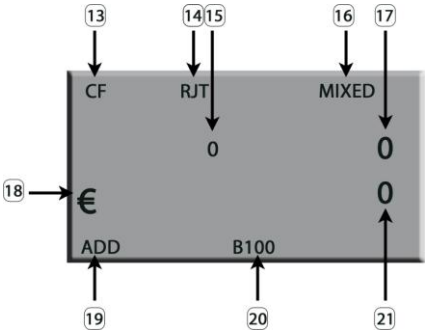
Rear view

(7) Adjustment wheel for banknote pressure
(8) Access flap to the back-sided sensor strip
(9) Connection for printer
(10) On / Off switch
(11) Power connection
(12) Connection for external display



Display

(13) Counterfeit detection on / off
(14) Display reject pocket
(15) Numbers of notes in the reject pocket
(16) Counting mode
(17) Numbers of counted banknotes
(18) Actual currency
(19) Add function on/off
(20) Batch function on/off/value
(21) Value of counted banknotes

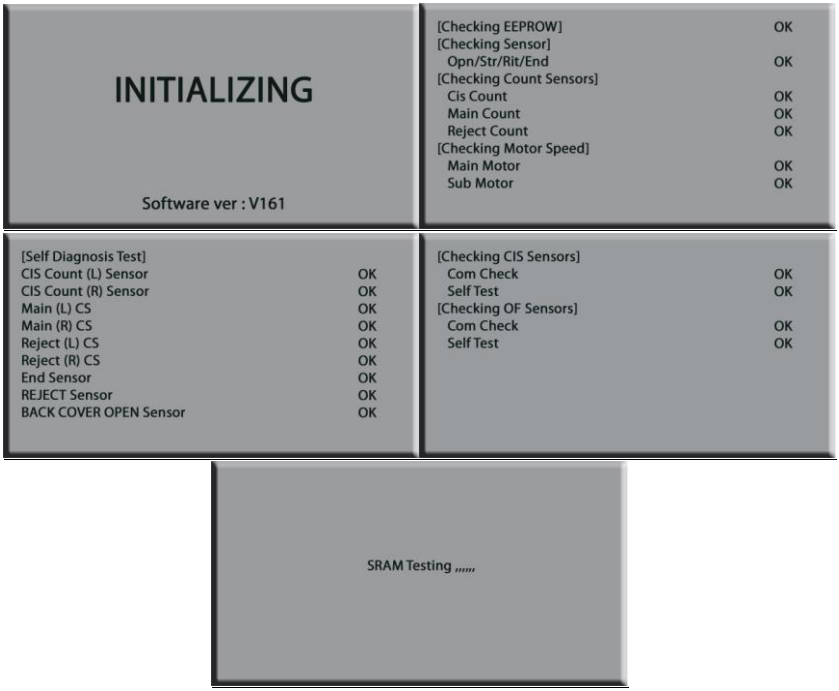


How to use the CCE 380

Please follow the below instructions for using the machine to receive an optimum counting result.

- Connect the net plug with the outlet.
- Connect now the net cable with the CCE 380 and switch on the machine.
- Then the machine automatically begins the selfdiagnosis and checks all sensors. Please, wait for this process before you insert banknotes or try to setup the machine.
- Select the desired currency (optionally), the counting mode and if necessary the sorting mode.
- Push the banknotes on a straight surface, so that the notes are terse on two sides and insert the banknotes centered in the feeder. Push both banknote guidance's to the pile near, so that the banknotes can be optimally drawn in.
- Should the banknotes not be centered or be inserted correctly, it can come to false countings or non-recognition of the notes.

Selfdiagnosis

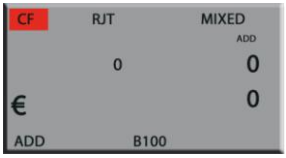


Should error messages appear during the selfdiagnosis, please check them in the chapter **Error management and servicing** in the manual. Please follow particularly the point how to clean the machine, because many mistakes can originate from insufficient cleaning of the sensors.

Setting and function

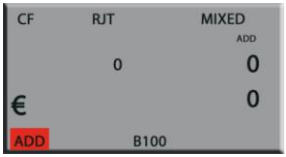
Counterfeit dection

By pressing the button „CF“ you can switch on and off the counterfeit detection of the CCE 380. When you turn off the detection you can count banknotes and all similar papers like vouchers and entrance cards. If you want to make a sensond count of already checked banknotes and only need the quantity of banknotes, this way may be the fastest. The activated counterfeit detection is shown in the upper left corner by „CF“.



Add function

The CCE 380 disposes of an addition function with add the counting results of several banknote piles one after the other. By pressure of the key "ADD" you switch on this function or out. In the display the activated function is indicated on the lower left corner, should be counted more than 99.999 marks, the counter switch at 100.000 notes back to 0.



Batch function

With the CCE 380 you have the possibilities to use predefined and free counting stops. About repeated pressure of the "BAT" key the predefined batch values 100, 50, 25, 20 and 10 are called successively. About the arrow keys you can set up these values individually.

If the opposed batch value is reached, the machine stops the counting process. If the counted notes are taken from the stacker, the machine restarts the counting of the remained notes further to this have completely run through or the batch value once more is reached.

About the key "BAT" you switch off this function again. The opposed batch value is indicated in the display below concentric.

Batch off

Batchstop 100

Setting of the counting mode

The CCE 380 offers several different counting functions and can not only count the money but also sort according to denomination, direction and, depending on selected features, by the actual condition of the banknotes.

Press FUNC button to toggle between the different counting modes. Please observe that you may additionally adjust the optional currencies with the counting modes. The corresponding counting mode is displayed on the LCD at the top right. Press and hold PRT button to display the counting result in detail.

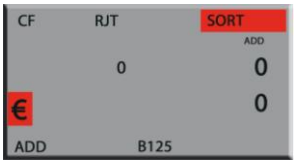
Name of counting mode: MIXED

Description:
All banknotes of the selected currency are counted on a value basis; the banknotes may be inserted unsorted.

Sorting:
All suspect notes or banknotes not belonging to that currency.

Name of counting mode: SORT

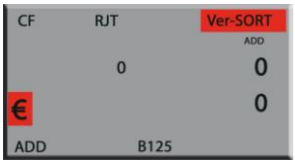
Description:
All banknotes of a certain denomination are counted on a value basis. The first inserted banknote is deciding for all other banknotes.



Sorting:
All suspect notes or banknotes of a different denomination compared with the first banknote.

Name of counting mode: Ver-SORT (OPTIONAL)

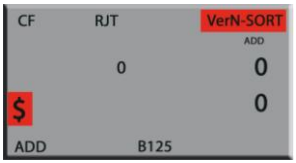
Description:
The banknotes are sorted by their actual condition. In this way old and heavily worn banknotes can be separated from new banknotes. This mode is for sorted banknotes.



Sorting:
All suspect notes, banknotes of a different denomination compared with the first banknote or detected by the unit as being too old or too worn.

Name of counting mode: VerN-SORT (OPTIONAL)

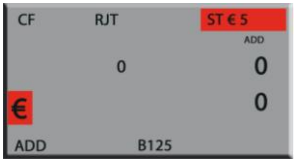
Description:
The banknotes are sorted by their actual condition. In this way old and heavily worn banknotes can be separated from new banknotes. **This mode only for unsorted US-Dollar banknotes.**



Sorting:
All suspect notes, banknotes of a different denomination compared with the first banknote or detected by the unit as being too old or too worn.

Name of counting mode: ST €5

Alternatives:
ST € 5, 10, 20, 50, 100, 200, 500
Toggle between alternatives with the arrow button.



Description:
All banknotes of the selected currency are counted on a value basis, but all banknotes deviating from the set denomination are sorted into the separator.

Sorting:
All suspect notes, banknotes of a different denomination compared with the set denomination.

Name of counting mode: FACE

Alternatives:
FACE, FACE-DEN, ORIENT, ORIENT-DEN
Toggle between alternatives with the arrow button.

Description:
All banknotes of the selected currency are counted in mixed mode, as long as they are lying on the same side (face or back) as the first counted banknote.

Sorting:
All suspect notes and banknotes upside down in the stack.

Name of counting mode: FACE-DEN

Alternatives:
FACE, FACE-DEN, ORIENT, ORIENT-DEN
Toggle between alternatives with the arrow button.

Description:
All banknotes lying on the same side (face or back) are counted on a value basis. The first banknote is deciding for all other banknotes for side sorting and denomination sorting.

Sorting:
All suspect notes, banknotes upside down in the stack or with a different denomination compared with the first banknote.

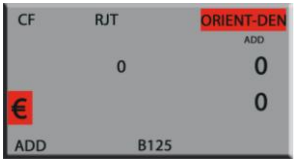
Name of counting mode: ORIENT

Alternatives:
FACE, FACE-DEN, ORIENT, ORIENT-DEN
Toggle between alternatives with the arrow button.

Description:
All banknotes of the set currency are counted in mixed mode, as long as they are lying on the same side (face or back) and in addition have the same direction (upside down or correct) compared with the first counted banknote.

Sorting:
All suspect notes, banknotes upside down in the stack or with a different direction.

Name of counting mode: ORIENT-DEN



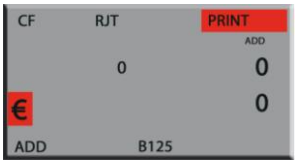
Alternatives:
FACE, FACE-DEN, ORIENT, ORIENT-DEN
Toggle between alternatives with the arrow button.

Description:
All banknotes of the set currency are counted, as long as they are lying on the same side (face or back), have the same direction (upside down or correct) and the same denomination as the first counted banknote.

Sorting:
All suspect notes, banknotes upside down in the stack, with a different direction or denomination.

Name of counting mode: PRINT (OPTIONAL)

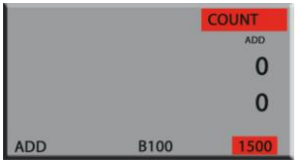
Description:
All banknotes of the set currency are counted in mixed mode, the serial numbers are read and printed on the optional printer. Printout starts automatically, as soon as the banknotes are removed from the stacker.



Sorting:
To enable the serial number readout all banknotes are to lie in a certain way. Euro banknotes are to be placed face down.

Name of counting mode: COUNT

Press CUR button to activate the free counting mode.



Description:
In this counting mode all banknotes and all other documents with corresponding dimensions and thickness (such as prescriptions or tickets) are counted without counterfeit detection.

Sorting:
The documents are not sorted.

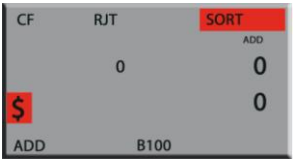
Specific feature:
In unit counting mode press SP button to select counting speed between 100 banknotes per minute and 1,500 banknotes per minute. The current speed is displayed at the bottom right. Select the speed via the arrow buttons.

Counting speeds:
100 / 200 / 300 / 400 / 700 / 800 / 900 / 1.000 / 1.100 / 1.200 / 1.500 per minute

Counting of other currencies

CCE 380 is also available for other currencies and also for combinations, such as Euro and US Dollar. If you purchased a further currency with the unit, press CUR button to toggle between the currencies.

Naturally, most counting modes are also available for other currencies and are selected (after currency selection) with the FUNC button. The currently selected currency is displayed at the bottom left.



Mechanical settings

By the transport and by wear of the transport roles in the upper area a post adjustment of the feeder can be necessary. At the rear side of the machine is a set wheel which can be easily pressed a little down and changes then by tricks the pressure on the banknotes. The set wheel must be pressed down while adjusting to prevent unintentional changing of the pressure.

Error management and servicing

The CCE 380 is equipped with a comprehensive error management to inform you about problems by the counting process and the counterfeit money recognition and also for the soiling of sensors. Please note particular the tips to exclude to the cleaning of the machine to avoid mistakes during the counting caused by dirtied sensors.

Cleaning of the sensors.
By the banknotes and by retreating dust it comes to depositions before the sensors of the machine. This pollution leads to increased errors and non-recognitions of real banknotes.

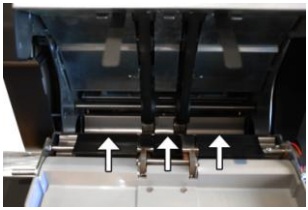
Please clean at regular intervals the sensors of the CCE 380. Switch off the machine during the cleaning and remove the net cable from the device.

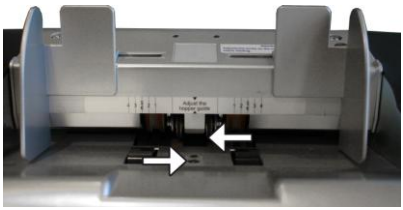
With a soft paintbrush and cloth you can remove the coarse dust depositions from the sensors in the hopper- and stacker are as well as from the banknote conveyor wheels. To the cleaning of the counterfeit money sensors we recommend the additional application of a non-inflammable air pressure spray around to remove also at inaccessible places dirt and particulate dust.

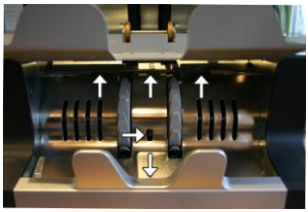
Please also remember of opening the back-sided flap of the sensor bank. Also open the front side by pulling both unlock buttons. Now you can clean the complete way the banknotes pass from dust and dirt, as well as jammed notes.

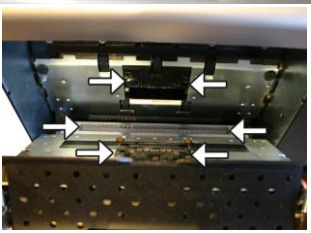
Should you have questions to the right cleaning of the CCE 380, our service team is available to you of course with pleasure.

Position of the most important cleaning points:









General Error Codes

Display Message	Error Code	Cause Of Error	Troubleshooting
JAM	E001	Banknote got stuck inside the unit	1. Remove all banknotes from hopper, stacker and separator 2. Open front and rear of the unit and remove all banknotes 3. Start counting process again
Skew Error	E002	Banknote skew retracted	1. Remove all banknotes from hopper, stacker and separator 2. Start counting process again
Rear Cover Opened	E003	Rear cover of the unit is open	1. Remove all banknotes from the unit and close the cover 2. Start counting process again
Chain Error	E004	Banknotes are stuck together	1. Remove all banknotes from stacker and separator 2. Press Start and continue counting process
Double Error	E005	Several banknotes are retracted at the same time	
Half Error	E006	Half banknote detected	
Dispenser Full	E007	Stacker full	
Separator Error	E008	Separator full	
Front Cover Opened	E009	Front cover open, unit opened	1. Remove all banknotes from the unit and close the cover 2. Start counting process again
Batch Full	E011	Batch counter full	1. Remove all banknotes from hopper, stacker and separator 2. Start counting process again
Reject Full	E012	Separator full	
Stacker Pocket Full	E013	Stacker full	
No Value Result	E014	Communication error between mainbord and counterfeit detection board	Start counting process again
No UV, MG Result	E015		
No IR Result	E016		

Value Error Codes

Display Message	Error Code	Cause Of Error	Troubleshooting
Value Error (E101)	E101	Banknote skew retracted, sensor left	Scan error 1. Check feeder and adjust 2. Start counting process again
Value Error (E102)	E102	Banknote skew retracted, sensor right	
Value Error (E103)	E103	Dimensions original X-length	
Value Error (E104)	E104	Dimensions original Y-length	
Value Error (E105)	E105	Dimensions original X, Y-length	
Value Error (E106)	E106	Dimensions currency X-Length	
Value Error (E107)	E107	Dimensions currency Y-length	
Value Error (E108)	E108	Dimensions currency X, Y-length	
Value Error (E109)	E109	Scan not clear	
Value Error (E110)	E110	Different currency	
Value Error (E111)	E111	Banknotes stuck together	
Value Error (E112)	E112	Side lengths different	
Value Error (E113)	E113	Dimension scan X-length	
Value Error (E114)	E114	Dimension scan Y-length	
Value Error (E115)	E115	Dimension scan X, Y -length	

UV Error Codes

Display Message	Error Code	Cause Of Error	Troubleshooting
E-UH	E201	UV 1 value too high	Suspect note, start counting process again
E-UL	E202	UV 1 value too low	
E-BH	E203	UV 2 value too high	
E-BL	E204	UV 2 value too low	
E-FH	E205	FL value too high	
E-FL	E206	FL value too low	

MG Error Codes

Display Message	Error Code	Cause Of Error	Troubleshooting
E-M1 (all currencies)	E211	MG error	Suspect note, start counting process again 1. Check suspect note for dirt and damages 2. Check rear cover of unit for correct closing
E-M2 (all currencies)	E212	MG information error 1	
E-M3 (all currencies)	E213	MG information error 2	
E-M4 (local only)	E214	MG information error 3	
E-M5 (all currencies)	E215	MG value detection error	
E-M6 (local only)	E216	MG information error 4	
E-M7 (local only)	E217	MG information error 5	

IR Fehler-Codes

Display Message	Error Code	Cause Of Error	Troubleshooting
IR Error (E303)	E303	IR front sensor light banknotes	1. Check feeder and adjust 2. Start counting process again
IR Error (E304)	E304	IR front sensor medium banknotes	
IR Error (E305)	E305	IR front sensor dark banknotes	
IR Error (E306)	E306	IR rear sensor light banknotes	
IR Error (E307)	E307	IR rear sensor medium banknotes	
IR Error (E308)	E308	IR rear sensor dark banknotes	
IR Error (E309)	E309	IR rotation error	
IR Error (E310)	E310	IR damaged banknote error	
IR Error (E311)	E311	IR half banknote error	
IR Error (E312)	E312	IR dimension error	
IR Error (E313)	E313		

CF Fehler-Codes

Display Message	Error Code	Cause Of Error	Troubleshooting
E-C1	E221	Wrong banknote in stack	Start counting process again
E-C2	E222	Banknote skew retracted	
E-C3	E223	Damaged banknote	
E-C4	E224	Half banknote	
E-C5	E225	Banknote with wrong dimensions	

Contained accessories	Optional accessories
Manual	Printer
Net cable	Printer cable
Cleaning brush	Cleaning kit
Dust cover	External display

Technical specification

Banknote dimensions:	mm x 90 mm ~ 100 x 185 mm, 0,08 mm ~ 0,12 mm
Hopper/Stacker/Reject size:	700 / 300 / 100 notes
Power connection:	AC 110 V - 240 V / 50-60 Hz
Power consumption:	110 W
Operating temperature:	0°C – 40°C
Air humidity:	40 – 90 %
Dimensions:	336 mm x 360 mm x 345 mm
Weight:	16,0 kg
Counting speed:	max. 1.500 banknotes / minute

Contact

If it should once have problems with your CCE 380 which you can solve with the help of this manual, then you please get in contact to us by email and describe the problem, we will get in contact to you as soon as possible with a proposal for solution for the problem.

info@cashconcepts.cc

Please retain your purchase documents for warranty claims. Do not remove, cover, damage or modify in any way the rating plate with serial number on the rear of the unit, otherwise you forfeit your warranty.